

Message

From: Strynar, Mark [Strynar.Mark@epa.gov]
Sent: 4/21/2020 1:55:45 PM
To: Odusote, Gloria [odusote.gloria@epa.gov]
Subject: Re: Cape Fear question coming out of the blue _UPDATE
Attachments: PFAS Cape Fear River Strynar highlighted.pptx

Food for thought. See [REDACTED] I am talking about.

Mark

Dr. Mark Strynar
US EPA/ORD/CEMM
strynar.mark@epa.gov
(office) 919-541-3706
(mobile) [REDACTED] Ex. 6 Personal Privacy (PP)

From: Strynar, Mark <Strynar.Mark@epa.gov>
Sent: Tuesday, April 21, 2020 9:50 AM
To: Odusote, Gloria <odusote.gloria@epa.gov>
Subject: Re: Cape Fear question coming out of the blue _UPDATE

My calendar is pretty open Tuesday-Thursday with a few meetings. Please do send a meeting invite.

One thing you should know is [REDACTED]
[REDACTED]

these compounds at the Fayetteville, NC plant.

Mark

From: Odusote, Gloria <odusote.gloria@epa.gov>
Sent: Tuesday, April 21, 2020 9:29 AM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: RE: Cape Fear question coming out of the blue _UPDATE

Hi Mark,
I am definitely free to explain the [REDACTED] I can put
something on your calendar if you want but here are some basic ones.

Regs

Byproduct- made without commercial intent

Impurity- made concurrently with another chemical

Non isolated intermediate – an intermediate that is not intentionally removed from the process or stored

Research and development- made solely for R&D exemption- supposed to be for small amounts

Statute
Article exemption – imported an article

Best,
Gloria

From: Strynar, Mark <Strynar.Mark@epa.gov>
Sent: Tuesday, April 21, 2020 8:05 AM
To: Odusote, Gloria <odusote.gloria@epa.gov>
Subject: Re: Cape Fear question coming out of the blue _UPDATE

Hi Gloria,

[REDACTED]
[REDACTED]
the wastewater discharged into the Cape Fear river [REDACTED]
[REDACTED]

Perhaps you could fill me in so I am more aware of [REDACTED]

Let me know if you have time.

Thanks,
Mark

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(mobile) [REDACTED] Ex. 6 Personal Privacy (PP)

From: Odusote, Gloria <odusote.gloria@epa.gov>
Sent: Monday, April 20, 2020 5:32 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: RE: Cape Fear question coming out of the blue _UPDATE

Hey Mark,
Thanks [REDACTED]
[REDACTED]

[REDACTED] time on all of this.

Best,
Gloria

From: Strynar, Mark <Strynar.Mark@epa.gov>
Sent: Thursday, April 16, 2020 2:33 PM

To: Odusote, Gloria <odusote.gloria@epa.gov>
Subject: Re: Cape Fear question coming out of the blue _UPDATE

I am not I am off tomorrow. However I am free the rest of this afternoon or back M-F next week.

Mark

Dr. Mark Strynar
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(mobile) Ex. 6 Personal Privacy (PP) 5

From: Odusote, Gloria <odusote.gloria@epa.gov>
Sent: Thursday, April 16, 2020 2:24 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: RE: Cape Fear question coming out of the blue _UPDATE

Hi Mark,

Ex. 7(A)

Best,
Gloria

From: Strynar, Mark <Strynar.Mark@epa.gov>
Sent: Thursday, April 16, 2020 8:49 AM
To: Odusote, Gloria <odusote.gloria@epa.gov>
Subject: Re: Cape Fear question coming out of the blue _UPDATE

Gloria,

My first assessment for samples taken from the Cape Fear river seems accurate with respect to the HFPO-TA. These samples were taken in 2017 to 2018 in concert with the state of North Carolina's DEQ. They were to assess PFAS in the finished drinking water derived from downstream of the Chemours facility.

However:

1. The samples we took of the Chemours outfall 002 i [REDACTED]
[REDACTED]
2. In addition we have samples from 10-5-17 where NC DEQ went on the facility to take samples and from [REDACTED]
CLEAR evidence of spectral peaks that ARE consistent with the presence of the HFPO-TA. [REDACTED]
[REDACTED]
3. [REDACTED]
PFAS we were seeing in the water samples.
Here is my line of evidence to support this:

[REDACTED]

2. The retention time of the peak is consistent with being HFPO-TA & [REDACTED] PFOA the chromatogram. This would be expected due to its molecular weight being 495 for HFPO-TA and being 413 for PFOA and 463 for Nafion BP2 respectively.

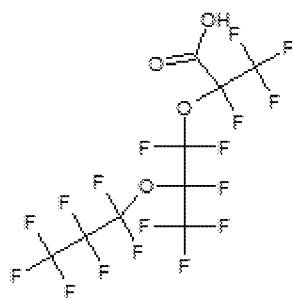
3. Experience as to how these PFAS behave in the MS. [REDACTED]

[REDACTED]

strongest evidence for the PFAS we saw.

[REDACTED] and have a chat to walk you through this today any time before 4:30 PM. IN case you cant open Chems sketch files here it is below as an image.

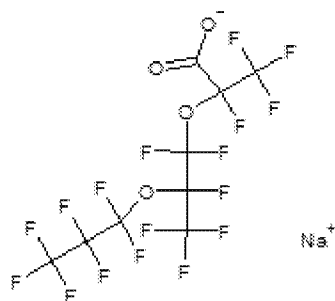
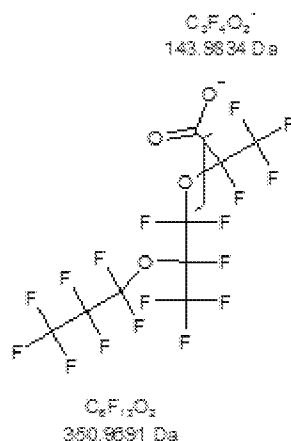
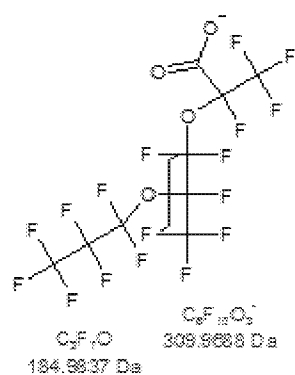
Mark



HFPO-TA CAS 13252-14-7
<https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID00892442>

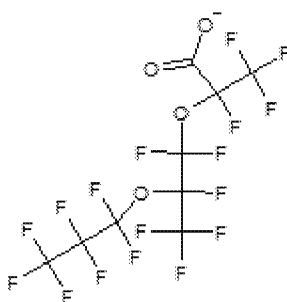
Molecular Formula: $C_9HF_{17}O_4$
 Monoisotopic Mass: 495.960338 Da
 $[M-H]^-$: 494.953081 Da

Likely MS fragmentation points



H^+

Na^+



H^+ dimer
 Monoisotopic Mass: 990.91369 Da

Na^+ dimer
 Monoisotopic Mass: 1012.896344 Da

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From: Odusote, Gloria <odusote.gloria@epa.gov>

Sent: Wednesday, April 15, 2020 10:06 PM

ED_005565_00008642-00005

To: Strynar, Mark <Strynar.Mark@epa.gov>

Subject: RE: Cape Fear question coming out of the blue

Enforcement Sensitive. FOIA Exempt. DO not release under FOIA

Hi Mark

Ex. 7(A)

Best,
Gloria
Gloria Odusote
Waste and Chemical Enforcement Division
WJC South 1200 Pennsylvania Ave. NW
Room 4108A, Mail Code 2249A
Washington, DC 20460
202 564-1845